

# DRAFT -Very Preliminary

## Use Attainability Analysis (UAA) Outline

6/24/99

SDMS Document ID



1060999

*Goal of UAA – To provide scientific analysis supporting recommendations concerning appropriate use classifications and standards for stream segments in the Upper Animas Watershed.*

### I. Introduction

- A. Explanation of water quality concerns */not concerns*
- B. Descriptions of current segments, use classifications and standards
- C. Brief history of WQCC hearings
- D. Description of Stakeholder process
- E. Detail of remediation efforts to date
  - 1. Consent decree – Sunnyside's work
  - 2. MRCC
  - 3. Forest Service/BLM
  - 4. Silver Wing
  - 5. Etc. *Buld King*

*figures  
tables  
diagrams*

### II. Area Overview

- A. Physical description of the area
- B. Mining history
- C. Past and current economy and community
- D. Historical concerns

### III. Identification of Existing Uses (these must be protected)

- A. Water supply
- B. Aquatic life
- C. Other? *Recreations*

### IV. Biological Analysis

- A. Description of current health of aquatic species in each segment
- B. Description of desirable species in each segment
- C. Limiting factors analysis
- D. Conditions necessary for sustaining such species

*{ physical  
chemical  
biological*

### V. Water Quality Data

- A. Separate into seasons or events and by segments
- B. Determine contaminants above table value standards

### VI. Load Analysis

- A. Modeling analysis
- B. Estimate reversible vs. irreversible metal contamination *(20 years)*
- C. Effect of upstream remediation on targeted segments?  
1. Geochemical analysis? *effectiveness*

### VII. Remediation Scenarios and Costs

### VIII. Recommendations for *segments* Use Classifications and Standards

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  - 1. Geochemical analysis?

### **VII. Remediation Scenarios and Costs**

### **VIII. Recommendations for Use Classifications and Standards**